

Memorandum



Date: December 3, 2013

To: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

Agenda Item No. 8(J)(1)

From: Carlos A. Gimenez
County Mayor

Subject: Resolution Approving Amendment No. 1 to PortMiami Contract No. E09-SEA-01, a Non-Exclusive Professional Services Agreement with HDR Engineering, Inc.

Recommendation

The attached Amendment No. 01 on a Contract between HDR Engineering, Inc. and Miami-Dade County has been prepared by PortMiami and is recommended for approval, which increases total compensation by \$250,000.00 from \$2,500,000.00 to \$2,750,000.00 (10%).

AMENDMENT NUMBER: 01

Scope

PROJECT NAME: Wharves Strengthening Program

PROJECT NO: E09-SEA-01

CONTRACT NO: E09-SEA-01

PROJECT DESCRIPTION: Engineering design services are requested to strengthen the existing steel sheet pile bulkheads along Gantry Crane Wharves I through VII to accommodate the Miami Harbor Phase 3 deepening program to a depth of -50 feet below mean lower low water (MLLW), plus an additional 2-foot over-dredge allowance at the Port of Miami.

The consultant shall provide the necessary investigations, surveys and studies, structural and civil designs, construction documents, all environmental and building permitting (including, but not limited to infrastructure and utilities) and any supportive tasks ancillary to the primary scope of services to successfully complete all phases of the project.

Design development services are anticipated to include, but are not limited to: geotechnical and subsurface investigations; sampling services; surveying; environmental permitting; bulkhead evaluation and analysis; and strengthening alternatives with cost estimates.

Design services are anticipated to include, but are not limited to: preparation of detailed design drawings, general and technical specifications; probable construction costs and scheduling; value engineering; and the preparation and submission of all permit applications and documents, along with the

successful resolution of any regulatory agency comments for permit approval.

Post design services are anticipated to include, but are not limited to: bidding assistance; reviewing bid package; responding to information requests; reviewing bid submissions; amending bid package as required; conducting site visits, inspections and attending meetings as requested; reviewing shop drawings, claims, proposed substitutions and change orders, contract schedules, schedule of values and as-built drawings; providing project close-out services as the Engineer of Record, and any supportive task ancillary to the primary scope of services.

PROJECT LOCATION: PortMiami

PRIMARY COMMISSION DISTRICT: District 5 Bruno A. Barreiro

APPROVAL PATH: Board of County Commissioners

ISD A&E PROJECT NUMBER: E09-SEA-01

USING DEPARTMENT: PortMiami

MANAGING DEPARTMENT: PortMiami

Fiscal Impact / Funding Source

FUNDING SOURCE: Seaport Bonds/Loans

AMENDMENT FUNDING SOURCE: Seaport Bonds/Loans

PTP FUNDING: No

GOB FUNDING: No

ARRA FUNDING: No

AMENDMENT DESCRIPTION: The following scope changes to the Professional Services Agreement (PSA) are hereby incorporated into the PSA and have been mutually agreed to by the Miami-Dade County Seaport Department (PortMiami) and HDR Engineering, Inc. (HDR).

NO. 1 - UNFORESEEN/UNFORESEEABLE SITE CONDITIONS

As may occur with upgrades to existing bulkhead systems, unforeseen conditions were encountered as the construction project progressed, that required additional services resolution in a timely fashion, to avoid disruption in the construction schedule.

NO. 2 - ADDITIONAL SCOPE/COUNTY REQUESTED CHANGE FOR
PROJECT ACCELERATION

Additional services were requested by PortMiami, to address design changes that support an expedited 'rolling' construction schedule. The revised accelerated construction schedule will allow uninterrupted operation of vessels at PortMiami and support the timely receipt of four (4) Super Post-Panamax cranes (instead of two that were initially contemplated), on the newly constructed wharves.

A portion of these design changes will yield a revised design that supports the Contractor's installation of an alternative bulkhead cap system. The Contractor concurs that a portion of the engineering additional services fee will enable the timely completion of their work; therefore, is agreeable to PortMiami deducting a negotiated amount from the Contractor's final payment, (as allowable within the terms of the construction contract.)

Construction is concluding at Wharves II through V. Major work on Wharves VI and VII, with the additional engineering services, should commence as soon as possible. After these Wharves are completed, the Contractor will execute the work at Wharf I.

MONETARY JUSTIFICATION: The associated cost to accomplish this is detailed as follows:

NO. 1 - UNFORESEEN/UNFORESEEABLE SITE CONDITIONS

- a. Engineering analysis and review for non-conforming driven piles--\$ 5,300
- b. Wharves V-II - Evaluation of socketed king piles for encountering unexpected conditions-----\$22,100
- c. Wharves V-II - Additional field observation support for installation criteria for additional test pile-----\$ 3,600
- d. Wharves V-II - Calculations to perform adequacy of non-conforming construction-----\$ 7,000

Subtotal \$38,000

NO. 2 - ADDITIONAL SCOPE/COUNTY REQUESTED CHANGE FOR
PROJECT ACCELERATION

County Requested Evaluation of Proposed Alternative Bulkhead Systems

- a. Precast Cap / Stay In Place Form-----\$52,800
 - i. Feasibility / responsibility / assessment of impacts
 - ii. Precast solution - Contractor's calculations review and comment
 - iii. Precast solution additional shop drawing reviews
 - iv. Provide Cap and Moment Shears [from Engineer of Record (EOR) Design Model] for Contractor's Engineer's use in form design

- b. Request for substitution of Strand Anchors vs. Bar Anchors-----\$47,000
 - i. Re-analyze to identify revised lock-off loads to accommodate request and verify non-overstress of existing anchors to remain
- c. Prepare Formal Redesign Package for Wharves II-IV, Driven Pile Solution - Re-issue signed and sealed calculations and drawings-----\$11,500
- d. Fender Substitution and Alternate Hardware Submittals-----\$ 8,000
- e. Analysis and advisement for no-build alternative for Wharves VI and VII -----\$17,700
- f. Wharves VI and VII Driven Pile Re-Design Sensitivity Analysis, Initial Assessment and change management-----\$12,000
- g. EOR Re-design and Issue of Signed and Sealed Drawings and Calculations-----\$56,000
- h. Geotechnical Evaluation and Recommendation for Revised Soil Parameters for Driven Pile-----\$ 7,000

Subtotal \$212,000

Therefore, the total cost to provide the required additional services is: \$250,000.00.

TIME JUSTIFICATION: No additional time is being requested under this Amendment.

	<u>Original Contract Values</u>	<u>Previous Adjustments To Values</u>	<u>This Amendment Values</u>	<u>Current Totals</u>	<u>Total Paid</u>	<u>Balance After Amendment</u>
BASE:	\$2,272,728.00	\$0.00	\$250,000.00	\$2,522,728.00	\$2,267,749.00	\$254,979.00
CONTINGENCY:	\$227,272.00	\$0.00	\$0.00	\$227,272.00	\$207,098.98	\$20,173.02
DEDICATED:	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>	<u>\$0.00</u>
TOTALS:	\$2,500,000.00	\$0.00	\$250,000.00	\$2,750,000.00	\$2,474,847.98	\$275,152.02

	<u>Original Contract Duration</u>	<u>Previous Adjustments To Duration</u>	<u>This Amendment Duration</u>	<u>Current Totals</u>
BASE DURATION:	2555	0	0	2555
CONTINGENCY:	<u>183</u>	<u>0</u>	<u>0</u>	<u>183</u>
TOTAL DURATION:	2738	0	0	2738

INITIATING FACTOR(S) FOR AMENDMENT

<u>Reason</u>	<u>Cost</u>	<u>Duration</u>
County Requested Change	\$212,000.00	0
Unforeseen / Unforeseeable Change	\$ 38,000.00	0
	\$250,000.00	0

Track Record / Monitor

PERFORMANCE RECORD: HDR Engineering, Inc. has been in business for more than twenty-eight years. There are eleven evaluations on record in the Capital Improvement Information System for HDR Engineering, Inc. with an average rating of 3.5 points out of a total 4.0 possible points.

PRIME CONSULTANT: HDR Engineering, Inc.

COMPANY PRINCIPAL: Charles T. Sinclair, P.E.

COMPANY QUALIFIERS: Charles T. Sinclair, P.E.

COMPANY EMAIL ADDRESS: sinclair@hdrinc.com

COMPANY STREET ADDRESS: 15450 New Barn Road, Suite 304

COMPANY CITY-STATE-ZIP: Miami Lakes, FL 33014

YEARS IN BUSINESS AT TIME OF AWARD: 13

PREVIOUS EXPERIENCE WITH COUNTY IN THE LAST FIVE YEARS AT TIME OF AWARD: According to the Firm History Report, as provided by the Department of Small Business Development, within the last five years, HDR Engineering, Inc. has received sixteen (16) Contracts, fourteen (14) through the Equitable Distribution Program with a total value of \$6,652,915.61.

SUBCONSULTANTS: Halcrow, Inc.
MACTEC Engineering and Consulting, Inc.
A.D.A. Engineering, Inc.

REVIEW COMMITTEE ASSIGNED CONTRACT MEASURES:	<u>TYPE</u>	<u>GOAL</u>	<u>ESTIMATED VALUE</u>	<u>ACHIEVED</u>
	CBE	20.00%	\$500,000.00	\$383,777.29
	CWP	0.00%	0	Not Applicable

CONTRACT MANAGER NAME / PHONE / EMAIL: Gyselle Pino (305) 347-4833 gmf@miamidade.gov

PROJECT MANAGER NAME / PHONE / EMAIL: Elizabeth Ogden, R.A. (305) 347-5521 EOGDEN@miamidade.gov

Background

BACKGROUND:

On November 3, 2009, the Board approved Resolution No. R-1258-09, awarding Contract No. E09-SEA-01, to HDR Engineering, Inc. (HDR), for a total compensation of \$2,500,000.00. The scope of work provided for professional engineering design and post design services to strengthen the existing steel sheet pile bulkheads along Gantry Crane Wharves I through VII, to accommodate the Miami Harbor Phase 3 deepening program to a depth of -50 feet below mean lower low water (MLLW), including an additional 2-foot over-dredge allowance at PortMiami. Subsequently, PortMiami entered into Contract No. E09-SEA-01 with HDR, on November 18, 2009. To date, the Consultant's overall performance has been satisfactory.

This contract was awarded with a 20% Community Business Enterprise (CBE) Goal of \$500,000.00. The sole CBE firm, ADA Engineering, Inc., (ADA) has been paid a cumulative amount of \$383,777.29 or 15.51% of the amount paid to date to the prime. This resulted in an \$111,192.31 CBE goal deficit. On October 1, 2013, HDR submitted a written request, for a CBE goal reduction, to the Regulatory and Economic Resources Department, Division of Small Business Development (SBD). The reduction was requested due to PortMiami's reallocation of resources, previously assigned to ADA for "On-Site Observation" services during construction, to HDR, to perform additional engineering and design analysis. This change was necessary to support schedule changes and the evaluation of proposed contractor-initiated modifications to the Project. ADA was not technically certified to perform the additional engineering and design services; therefore, concurred with the reduction in scope. On October 2, 2013, SBD concurred with HDR's utilization of ADA at 15.51% and the CBE goal deficit was excused. However, SBD advised that the 20% CBE goal would remain on the project and apply to any future amendments.

Unfortunately, the CBE goal cannot be applied to this Amendment because the additional services require that the firm be certified in Technical Certification (TC) Category 5.08 – Port and Waterway Systems – Marine Engineering Design. ADA is not certified in TC 5.08; therefore, cannot provide the specialty engineering services. SBD has reviewed Amendment No. 1 and determined that HDR is in compliance with the CBE requirements. Approval of this Amendment will allow HDR to continue providing supplemental Engineer of Record services during construction until close-out of the Wharves Strengthening Project. All other terms and conditions contained in Contract No. E09-SEA-01 shall remain the same.

BUDGET APPROVAL
FUNDS AVAILABLE:


OMB DIRECTOR

10/20/13
DATE

APPROVED AS TO
LEGAL SUFFICIENCY:


COUNTY ATTORNEY

10/18/13
DATE


DEPUTY MAYOR

DATE

CLERK DATE

DATE



MEMORANDUM

(Revised)

TO: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

DATE: December 3, 2013

FROM: 
R. A. Cuevas, Jr.
County Attorney

SUBJECT: Agenda Item No. 8(J)(1)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☐ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☐ No committee review
- ☐ Applicable legislation requires more than a majority vote (i.e., 2/3's _____, 3/5's _____, unanimous _____) to approve
- ☒ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 8(J)(1)
12-3-13

RESOLUTION NO. _____

RESOLUTION AUTHORIZING EXECUTION OF AMENDMENT NO. 01 TO THE NON-EXCLUSIVE PROFESSIONAL SERVICES AGREEMENT BETWEEN MIAMI-DADE COUNTY AND HDR ENGINEERING, INC. TO PROVIDE ADDITIONAL ENGINEERING SERVICES FOR CONTRACT NO. E09-SEA-01, WHARVES STRENGTHENING PROGRAM, WHICH INCREASES THE CONTRACT BY A MAXIMUM AMOUNT OF \$250,000; AUTHORIZING THE COUNTY MAYOR OR COUNTY MAYOR'S DESIGNEE TO EXECUTE THE AMENDMENT FOR AND ON BEHALF OF MIAMI-DADE COUNTY AND TO EXERCISE THE PROVISIONS CONTAINED THEREIN

WHEREAS, this Board desires to accomplish the purposes outlined in the accompanying memorandum, a copy of which is incorporated herein by reference,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that:

Section 1. Approves the execution of Amendment No. 01 to the Non-Exclusive Professional Services Agreement between Miami-Dade County and HDR Engineering, Inc., to provide additional engineering services needed to address unforeseen site conditions, and County requested changes for project acceleration, to complete strengthening improvements of bulkheads between Wharves I and VII to accommodate the -50' dredging project for Contract No. E09-SEA-01, Wharves Strengthening Program, which amendment increases the contract by a maximum amount of \$250,000, said Amendment being in substantially the form attached hereto and made part hereof.

Section 2. Authorizes the County Mayor or County Mayor's designee to execute the Amendment No. 01 to the Professional Services Agreement after review and approval by the County Attorney's Office; and to exercise the provisions contained therein.

The foregoing resolution was offered by Commissioner ,
who moved its adoption. The motion was seconded by Commissioner
and upon being put to a vote, the vote was as follows:

Rebeca Sosa, Chairwoman

Lynda Bell, Vice Chair

Bruno A. Barreiro

Jose "Pepe" Diaz

Sally A. Heyman

Jean Monestime

Sen. Javier D. Souto

Juan C. Zapata

Esteban L. Bovo, Jr.

Audrey M. Edmonson

Barbara J. Jordan

Dennis C. Moss

Xavier L. Suarez

The Chairperson thereupon declared the resolution duly passed and adopted this 3rd day of December, 2013. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.

Richard Seavey



MIAMI-DADE COUNTY, FLORIDA

PORT OF MIAMI

AMENDMENT TO ORIGINAL PROFESSIONAL SERVICE AGREEMENT



AMENDMENT NO: 01
PROJECT TITLE: Wharves Strengthening Program
TO CONSULTANT: HDR Engineering, Inc. 15450 New Barn Road, Suite 304 Miami Lakes, FL 33014

CONTRACT NO: E09-SEA-01

DATE: 10/16/2013

YOU ARE HEREBY REQUESTED TO MAKE THE FOLLOWING CHANGES IN THE PLANS AND SPECIFICATIONS FOR THIS PROJECT AND TO PERFORM THE WORK ACCORDINGLY, SUBJECT TO ALL CONTRACT STIPULATIONS AND COVENANTS.

Description of work authorized: The following scope changes to the Professional Services Agreement (PSA) are hereby incorporated into the PSA and have been mutually agreed to by the Miami-Dade County Seaport Department (PortMiami) and HDR Engineering, Inc. (HDR).

NO. 1 - UNFORESEEN/UNFORESEEABLE SITE CONDITIONS

As may occur with upgrades to existing bulkhead systems, unforeseen conditions were encountered as the construction project progressed, that required additional services resolution in a timely fashion, to avoid disruption in the construction schedule. (Continued below)

Monetary Justification:

The associated cost to accomplish this is detailed as follows:

NO. 1 - UNFORESEEN/UNFORESEEABLE SITE CONDITIONS

- a. Engineering analysis and review for non-conforming driven piles - \$5,300
- b. Wharves V-II - Evaluation of socketed king piles for encountering unexpected conditions - \$22,100
- c. Wharves V-II - Additional field observation support for installation criteria for additional test pile - \$3,600 (Continued below)

Time Justification:

No additional time is being requested under this Amendment.

This amendment includes not only all direct costs of Consultant such as labor, material, job overhead, and profit markup; but also includes any costs for modifications or changes in sequence of work to be performed, delays, rescheduling, disruption, extended direct overhead or general overhead, acceleration, material or other escalation which include wages and other impact costs.

Consultant hereby waives, fully releases, discharges and acquits Miami-Dade County of any and all liability for claims, additional costs, and any requests for additional time arising out of the fulfillment of the contract and this change order from the date of the contract award to and including execution of this change order.

SUMMARY OF CONTRACT AMOUNT / TIME

ORIGINAL CONTRACT AMOUNT-----	\$2,500,000.00
COST OF CHANGES PREVIOUSLY ORDERED-----	\$0.00
ADJUSTED CONTRACT AMOUNT PRIOR TO THIS CHANGE-----	\$2,500,000.00
COST OF CHANGES WITH THIS DOCUMENT-----	\$250,000.00
ADJUSTED CONTRACT AMOUNT INCLUDING THIS CHANGE-----	\$2,750,000.00
PERCENT INCREASE WITH THIS CHANGE-----	10%
TOTAL PERCENT INCREASE TO DATE-----	10%
TIME: ORIGINAL CONTRACT / PREVIOUS CHANGES / THIS CHANGE-----	2555 / 0 / 0
CONTINGENCY TIME: ORIGINAL CONTRACT / PREVIOUS CHANGES / THIS CHANGE-----	, 183 / 0 / 0
ADJUSTED DURATION INCLUDING THIS CHANGE-----	2738

CERTIFYING STATEMENT: The Consultant certifies that the changes and supporting cost data included is in its considered opinion necessary and accurate and that the prices quoted are fair and reasonable.

Organization	Name	Accepted By:	Title	Date
HDR Engineering, Inc.			Consultant	10/16/13

<u>Title</u>	<u>Name</u>	<u>Date</u>
Approved By: <u>County Attorney</u> (for legal sufficiency)	_____	_____
Approved By: <u>County Mayor</u>	_____	_____
Attested By: <u>Clerk of the Board</u>	_____	_____

Description of work authorized: (Continued)

NO. 2 - ADDITIONAL SCOPE/COUNTY REQUESTED CHANGE FOR PROJECT ACCELERATION

Additional services were requested by PortMiami, to address design changes that support an expedited 'rolling' construction schedule. The revised accelerated construction schedule will allow uninterrupted operation of vessels at PortMiami and support the timely receipt of four (4) Super Post-Panamax cranes (instead of two that were initially contemplated), on the newly constructed wharves.

A portion of these design changes will yield a revised design that supports the Contractor's installation of an alternative bulkhead cap system. The Contractor concurs that a portion of the engineering additional services fee will enable the timely completion of their work; therefore, is agreeable to PortMiami deducting a negotiated amount from the Contractor's final payment, (as allowable within the terms of the construction contract.)

Construction is concluding at Wharves II through V. Major work on Wharves VI and VII, with the additional engineering services, should commence as soon as possible. After these Wharves are completed, the Contractor will execute the work at Wharf I.

Monetary Justification: (Continued)

d. Wharves V-II - Calculations to perform adequacy of non-conforming construction - \$7,000

Subtotal \$38,000

NO. 2 - ADDITIONAL SCOPE/COUNTY REQUESTED CHANGE FOR PROJECT ACCELERATION

County Requested Evaluation of Proposed Alternative Bulkhead Systems

a. Precast Cap / Stay In Place Form - \$52,800

i. Feasibility / responsibility / assessment of impacts

ii. Precast solution - Contractor's calculations review and comment

iii. Precast solution additional shop drawing reviews

iv. Provide Cap and Moment Shears [from Engineer of Record (EOR) Design Model] for Contractor's Engineer's use in form design

b. Request for substitution of Strand Anchors vs. Bar Anchors - \$47,000

i. Re-analyze to identify revised lock-off loads to accommodate request and verify non-overstress of existing anchors to remain

c. Prepare Formal Redesign Package for Wharves II-IV, Driven Pile Solution - Re-issue signed and sealed calculations and drawings - \$11,500

d. Fender Substitution and Alternate Hardware Submittals - \$8,000

e. Analysis and advisement for no-build alternative for Wharves VI and VII - \$17,700

f. Wharves VI and VII Driven Pile Re-Design Sensitivity Analysis, Initial Assessment and change management - \$12,000

g. EOR Re-design and Issue of Signed and Sealed Drawings and Calculations - \$56,000

h. Geotechnical Evaluation and Recommendation for Revised Soil Parameters for Driven Pile - \$7,000

Subtotal \$212,000

Therefore, the total cost to provide the required additional services is: \$250,000.00.

Time Justification Declaration:

A time extension is provided for additional work performed outside the scope of the original Contract that affects the critical path schedule of the contracted work or previously approved changes. Should additional work be required which does not affect the critical path schedule, no time extension will be granted. Should one item of additional work run concurrent with another item of additional work, only time not duplicated can be provided.

FY 2013 - 14 Proposed Budget and Multi-Year Capital Plan

DREDGE III BULKHEAD STRENGTHENING

PROJECT #: 647710

DESCRIPTION: Strengthen Port bulkhead areas for Dredge III project

LOCATION: Dante B. Fascell Port of Miami-Dade
Port of Miami

District Located: 5
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
FDOT Funds	1,687	0	0	0	0	0	0	0	1,687
Seaport Bonds/Loans	53,927	12,500	3,000	0	0	0	0	0	69,427
TOTAL REVENUES:	55,614	12,500	3,000	0	0	0	0	0	71,114
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Construction	55,614	12,500	3,000	0	0	0	0	0	71,114
TOTAL EXPENDITURES:	55,614	12,500	3,000	0	0	0	0	0	71,114

SEWER UPGRADES

PROJECT #: 647720

DESCRIPTION: Upgrade Miami-Dade sewer and force main

LOCATION: Dante B. Fascell Port of Miami-Dade
Port of Miami

District Located: 5
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Seaport Bonds/Loans	210	2,210	1,290	1,290	0	0	0	0	5,000
TOTAL REVENUES:	210	2,210	1,290	1,290	0	0	0	0	5,000
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Planning and Design	110	0	0	0	0	0	0	0	110
Construction	100	2,210	1,290	1,290	0	0	0	0	4,890
TOTAL EXPENDITURES:	210	2,210	1,290	1,290	0	0	0	0	5,000

DREDGE III

PROJECT #: 649730

DESCRIPTION: Dredge southern part of Lummus Island to a depth of 50 feet allowing port capacity for larger ships

LOCATION: Dante B. Fascell Port of Miami-Dade
Port of Miami

District Located: 5
District(s) Served: Countywide

REVENUE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
FDOT Funds	15,000	75,000	19,600	0	0	0	0	0	109,600
Seaport Bonds/Loans	110,400	0	0	0	0	0	0	0	110,400
TOTAL REVENUES:	125,400	75,000	19,600	0	0	0	0	0	220,000
EXPENDITURE SCHEDULE:	PRIOR	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	FUTURE	TOTAL
Construction	20,000	115,000	85,000	0	0	0	0	0	220,000
TOTAL EXPENDITURES:	20,000	115,000	85,000	0	0	0	0	0	220,000

Memorandum



Date: October 18, 2013

To: Bill Johnson, Director
PortMiami

From: Jack Osterholt, Deputy Mayor / Director
Department of Regulatory and Economic Resources

Subject: Project No. E09-SEA-01 , Exclusive Professional Services for Wharves Strengthening Program

The subject project was reviewed by Small Business Development (SBD), under the Business Affairs Division of the Department of Regulatory and Economic Resources, for compliance with the 20% Community Business Enterprise (CBE) goal, being met by CBE firm ADA Engineering, Inc. (ADA). On October 2, 2013, SBD approved a request to reduce ADA's participation to 15.51% because HDR was directed by the PortMiami to reallocate resources for Post Design Services to perform additional engineering and design analysis services. ADA is not technically certified to perform this work and PortMiami staff has confirmed that ADA performed all work available in its technical certification categories. As such, the prime is in compliance with CBE requirements at this time.

Please do not hesitate to contact Veronica Clark, Assistant to the Director at 305-375-4770 if you need additional information.

c: Gyselle Pino, Contract Manager, PortMiami
Art Tillberg, Chief Construction Manager, PortMiami
Elizabeth Ogden, Chief of Contract Management, PortMiami
Veronica Clark, Assistant to Director, SBD, RER
Patrice Hill, Administrative Officer 2, SBD, RER

Dept. of Small Business Development Project Worksheet

Project/Contract Title: EXCLUSIVE PROFESSIONAL SERVICES FOR WHARVES STRENGTHENING PROGRAM (SIC 871) RC Date: 02/18/2009
 Project/Contract No: E09-SEA-01 Funding Source: Item No: 1-03
 Department: SEAPORT FDOT AND SEAPORT LOANS
 Estimated Cost of Project/Bid: \$2,500,000.00 Resubmittal Date(s):
 Description of Project/Bid: ENGINEERING SERVICES ARE REQUESTED TO STRENGTHEN THE EXISTING BULKHEADS ALONG GANTRY CRANE WHARVES 1 THROUGH 10 TO ACCOMMODATE THE MIAMI HARBOR DEEPENING PROJECT TO A DEPTH OF 20 FEET BELOW MEAN LOWER LOW WATER (MLLW) PLUS AN ADDITIONAL 2-FOOT OVER-DREDGE ALLOWANCE AT THE PORT OF MIAMI.

Contract Measures Recommendation

Measure	Program	Goal Percent
Goal	CBE	20.00%

Reasons for Recommendation

This project meets all the criteria set forth in A.D. 3-32, Section V.

Funding Sources: FDOT and Seaport Loans

SIC 871 - Architectural and Engineering Services

Analysis for Recommendation of a Goal

Subtrade	Cat.	Estimated Value	% of Items to Base Bid	Availability
ENGINEERING CONSTRUCTION MANAGEMENT	CBE	\$575,000.00	15.00%	78
SURVEYING AND MAPPING-LAND SURVEYING	CBE	\$125,000.00	5.00%	14
Total		\$500,000.00	20.00%	

Living Wages: YES ☐ NO ☒

Responsible Wages: YES ☐ NO ☒

Ordinance 90-142 is applicable to all construction projects over \$100,000 that do not utilize Federal Funds

REVIEW COMMITTEE RECOMMENDATION

Tier 1 Set Aside _____
 Set Aside Level 1 _____ Level 2 _____ Level 3 _____
 Trade Set Aside (MCC) _____ Goal: 20% Bid Preference _____
 No Measure _____ Deferred _____ Selection Factor _____
 Chairperson, Review Committee: _____ Date: 2/18/09
 SBID Director: _____ Date: 2/19/09



Department of Small Business Development
A&E Firm History Report

From: 08/26/2004 To: 08/26/2009

PRIMES

FIRM NAME: HDR ENGINEERING, INC.
15450 New Barn Rd, Suite 304
Miami Lakes, FL 33014-2169

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT
* EDP-MP-214F03 TRAFFIC STUDY	1	MP	NO MEASURE	12/07/2004	\$30,000.00 \$30,000.00
EDP-PW-20040596 FLASHING SCHOOL SIGNAL DESIGN GROUP 1	1	PW	NO MEASURE	12/29/2004	\$47,034.11 \$47,034.11
EDP-PR-220901-04-007 PARKING LOT RENOVATION	1	PR	NO MEASURE	03/30/2005	\$30,000.00 \$30,000.00
EDP-PW-CMPA 1 CORRIDOR MASTER PLAN ANALYSIS SW 211 ST	1	PW	NO MEASURE	06/02/2005	\$48,425.00 \$48,425.00
EDP-SW-07S011 GREEN POWER LANDFILL GAS STUDY FOR FPL	1	SW	NO MEASURE	06/05/2007	\$37,200.00 \$37,200.00



Department of Small Business Development
A&E Firm History Report

From: 08/26/2004 To: 08/26/2009

PRIMES

FIRM NAME: HDR ENGINEERING, INC.
15450 New Barn Rd, Suite 304
Miami Lakes, FL 33014-2169

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT
EDP-WS-S-103 WATER USE AUDITS	1	WS	NO MEASURE	09/06/2007	\$98,256.50 \$98,256.50
EDP-WS-S-103-2 WATER USE AUDITS	1	WS	NO MEASURE	02/15/2008	\$50,000.00 \$50,000.00
EDP-AV-0021A TMB - TRAFFIC ENGINEERING STUDIES	1	AV	NO MEASURE	02/21/2008	\$18,500.00 \$18,500.00
EDP-SW-08F015 58TH STREET NEW ACCESS ROAD	1	SW	NO MEASURE	07/02/2008	\$40,000.00 \$40,000.00
EDP-AV-C-0021A-2 TMB - TRAFFIC ENGINEERING STUDIES	1	AV	NO MEASURE	07/16/2008	\$0.00 \$0.00



Department of Small Business Development
A&E Firm History Report
From: 08/26/2004 To: 08/26/2009

FIRM NAME: HDR ENGINEERING, INC.
15450 New Barn Rd, Suite 304
Miami Lakes, FL 33014-2169

PRIMES

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT
EDP-SW-08S024	1	SW	NO MEASURE	11/10/2008	\$48,500.00
RENEWAL OF SOUTH DADE LANDFILL TITLE V PERMIT					<u>\$48,500.00</u>
EDP-WS-S-128	1	WS	NO MEASURE	01/07/2009	\$100,000.00
WATER USE EVALUATIONS					<u>\$100,000.00</u>
E08-SWM-01	1	SW	NO MEASURE	05/19/2009	\$1,455,000.00
SOLID WASTE MANAGEMENT MASTERPLAN (SIC 871)					<u>\$1,455,000.00</u>
E08-WASD-03	1	WS	GOAL CBE 35%	06/02/2009	\$4,400,000.00
ENG. SERVICES PROPOSED UPGRADES TO ALEXANDER ORR WATER TREATMENT PLANT & THE SOUTH MIAMI-DADE WATER SUPPLY SYSTEM - LEISURE CITY, NARANJA, & ELEVATED WATER TANK, EVERGLADES LABOR CAMP & NEWTON WATER TREATMENT PLANTS & APPURTENANT FACILITIES (SIC 871)					<u>\$4,400,000.00</u>
EDP-SP-SR-2009.028	1	SP	NO MEASURE	07/17/2009	\$100,000.00
WHARF 1 REPAIRS					<u>\$100,000.00</u>

* Indicates closed or expired contracts
Disclaimer: Payments shown may not reflect current information

Wednesday, August 26, 2009



Department of Small Business Development
A&E Firm History Report

From: 08/26/2004 To: 08/26/2009

PRIMES

FIRM NAME: HDR ENGINEERING, INC.
15450 New Barn Rd, Suite 304
Miami Lakes, FL 33014-2169

PROJECT #	CONTRACT	DEPT.	MEASURES	AWARD DATE	AWARD AMOUNT
EDP-AV-S-EF-513	1	AV	NO MEASURE	08/19/2009	\$150,000.00
COMMISSIONING OF MDAD FACILITIES					\$150,000.00

Total Award Amount	\$6,652,915.61
Total Change Orders Approved by BCC	\$0.00

Capital Improvements Information System

MCC Contractor Evaluations Report



Dept	Contract	Type	Contractor / Architect Name	Date	Rater	Period	Rate
WS	E08- WASD-03 WO: 1	PSA	HDR Engineering, Inc.	2/18/2011	Brian Trujillo, P.E.	Project conclusion or closeout	2.4
WS	E08- WASD-03 WO: 2	PSA	HDR Engineering, Inc.	9/19/2012	Brian Trujillo, P.E.	Project conclusion or closeout	3.6
WS	E08- WASD-03 WO: 3	PSA	HDR Engineering, Inc.	9/19/2012	Brian Trujillo, P.E.	Completion of study or design	3.7
WS	E08- WASD-03 WO: 4	PSA	HDR Engineering, Inc.	12/18/2012	Brian Trujillo, P.E.	Completion of study or design	3.4
PW	E08-SWM-01	PSA	HDR Engineering, Inc.	12/31/2012	Brenda Reyes-Osorno	Completion of study or design	3.3
SP	E09-SEA-01	PSA	HDR Engineering, Inc.	5/9/2013	Elizabeth Ogden, R.A.	Completion of study or design	4.0
PR	EDP-PR-220901-04-007	EDP	HDR Engineering, Inc.	2/22/2008	Karen Cheney	Completion of construction	3.3
WS	EDP-WS-S-103	EDP	HDR Engineering, Inc.	2/17/2009	Maribel Balbin	Project conclusion or closeout	4.0
WS	EDP-WS-S-103-2	EDP	HDR Engineering, Inc.	2/17/2009	Maribel Balbin	Project conclusion or closeout	4.0
SP	EDP-SP-SR-2009.028	EDP	HDR Engineering, Inc.	1/8/2010	Leonor Ortega	Interim	3.2
SW	EDP-SW-08F015	EDP	HDR Engineering, Inc.	5/10/2012	Brenda Reyes-Osorno	Project conclusion or closeout	3.8

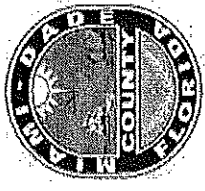
Evaluation Count: 11 Contractors: 1 Average Evaluation: 3.5





INTERNAL SERVICE DEPARTMENT CAPITAL IMPROVEMENTS INFORMATION SYSTEM

Wednesday, October 09, 2013



All Contracts for FEIN 470680568
HDR Engineering, Inc.

DST	DPT	Type	Contract	Name	Location/ Contractor	Estimated Completion Date	Total Status Award Date	% Complete/ Status *
30	PW	PSA	<u>E08-SWM-01</u>	Solid Waste Management Master Plan	HDR Engineering, Inc.	6/7/2012	\$1,455,000 9/3/2013	80% / Behind Schedule
30	PW	PSA	<u>E08-SWM-01</u>	Solid Waste Management Master Plan	HDR Engineering, Inc.	6/7/2012	\$1,455,000 9/3/2013	80% / Behind Schedule
30	WS	PSA	<u>E08-WASD-03</u>	Engineering design services for upgrades to the	HDR Engineering, Inc.	8/9/2015	\$4,000,000 5/26/2010	0% / N/A
5	SP	PSA	<u>E09-SEA-01</u>	Wharves Strengthening Program	HDR Engineering, Inc.	11/16/2016	\$2,272,728 6/26/2013	99% / On Schedule
0	AV	EDP	<u>EDP-AV-0021A</u>	TMB - TRAFFIC ENGINEERING STUDIES	HDR ENGINEERING, INC.	N/A	\$18,500	100% / Complete
0	MP	EDP	<u>EDP-MP-214F03</u>	TRAFFIC STUDY	HDR ENGINEERING, INC.	N/A	\$30,000	100% / Complete
0	PR	EDP	<u>EDP-PR-220901-04-007</u>	PARKING LOT RENOVATION	HDR ENGINEERING, INC.	N/A	\$30,000	100% / Complete
0	PR	EDP	<u>EDP-PR-99999903003</u>	GENERAL PLAN:BISCAYNE PARK, ROCK PIT '68, & SPANISH	HDR ENGINEERING, INC.	N/A	\$47,321	100% / Complete
0	PW	EDP	<u>EDP-PW-20030264</u>	CARIBBEAN BOULEVARD TRAFFIC STUDY	HDR ENGINEERING, INC.	N/A	\$35,460	100% / Complete
0	PW	EDP	<u>EDP-PW-20040596</u>	FLASHING SCHOOL SIGNAL DESIGN GROUP 1	HDR ENGINEERING, INC.	N/A	\$47,034	100% / Complete
0	PW	EDP	<u>EDP-PW-CMPA 1</u>	CORRIDOR MASTER PLAN ANALYSIS SW 211 ST	HDR ENGINEERING, INC.	N/A	\$48,425	100% / Complete
0	SP	EDP	<u>EDP-SP-SR-2007-022 ESP</u>	WHARVES STRENGTHENING PROGRAM	HDR ENGINEERING, INC.	N/A	\$200,000	100% / Complete
0	SP	EDP	<u>EDP-SP-SR-2009.028</u>	WHARF 1 REPAIRS	HDR ENGINEERING, INC.	N/A	\$231,534	100% / Complete
0	PW	EDP	<u>EDP-SW-07S011</u>	GREEN POWER LANDFILL GAS STUDY FOR FPL	HDR ENGINEERING, INC.	N/A	\$37,200	100% / Complete
0	PW	EDP	<u>EDP-SW-08F015</u>	58TH STREET NEW ACCESS ROAD	HDR ENGINEERING, INC.	N/A	\$31,200	100% / Complete
0	PW	EDP	<u>EDP-SW-08S024</u>	RENEWAL OF SOUTH DADE LANDFILL TITLE V PERMIT	HDR ENGINEERING, INC.	N/A	\$48,500	100% / Complete
0	WS	EDP	<u>EDP-WS-S-103</u>	WATER USE AUDITS	HDR ENGINEERING, INC.	N/A	\$98,257	100% / Complete
0	WS	EDP	<u>EDP-WS-S-103-2</u>	WATER USE AUDITS	HDR ENGINEERING, INC.	N/A	\$50,000	100% / Complete

Q WS EDP EDP-WS-S-128 WATER USE EVALUATIONS HDR ENGINEERING, INC. N/A \$100,000 100% / Complete

Totals: 19 \$10,236,159

* Contracts with Green Name are PSA Agreements
Yellow Status=Inactive Contract

Contracts Status View

Ext Projects City Top